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Patent Application

Application #: 10/605876
Group Art Unit # 3711
Filing Date: 11/03/2003
Examiner: Vishu K. Mendiratta
Title: Board Game

Amendment to Claims

- 1) The original claims have been modified as requested in the office actions. The status of every claim has been indicated using one of the following status identifiers: Original, Currently amended, Canceled, Withdrawn, Previously presented, New, Not entered.

The amendments include no new matter that was not disclosed in the original specifications.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Gerald Bauldock



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Title: Board Game

Claims

[c1]

I claim:

1. (Currently amended) A question and answer board game which can be competitively and simultaneously played by players of different skill and age levels comprising a game board with a one directional playing track along which each player moves their pieces based upon a randomly selected value, said track is made up of a playing path containing the atoms of the periodic table, molecules and ions; several sets of multi-level cards bearing questions to which each player must reply with a correct answer to progress towards winning the game. comprising: a game path having a plurality of spaces along a periphery of the game board; a first plurality of said spaces having pictorial representations of atoms contained in a periodic table of elements, each pictorial representation being selected from (a) one or more concentric circles representing "S" orbits and the number of electrons in each orbit, or (b) one or more concentric circles in combination with other orbits as in shape of numerical "8" representing "P" orbits and the number of electrons in each orbit; a second plurality of said spaces having pictorial representations of molecules as a combination of two or more atoms, each atom having the pictorial representation selected from (a) one or more concentric circles representing "S" orbits and the number of electrons in each orbit, or (b) one or more concentric circles in combination with the orbits as in shape of numeral "8" representing "P" orbits and the number of electrons in each orbit; a third plurality of said spaces having pictorial representations of ions as a single atom or as a combination of two or more atoms minus electrons or the addition of electrons, each atom having the pictorial representation selected from (a) one or more concentric circles representing "S" orbits and the number of electrons in each orbit, or (b) one or more concentric circles in combination with the orbits as in shape of numeral "8" representing "P" orbits and the number of electrons in each orbit; a fourth plurality of said spaces being bonus spaces having monetary indicia and action indicia for collecting the monetary indicia.

[c2]

2. (Currently amended) A device of claim 1, A question and answer board game according to claim 1 wherein a player that lands on a space on the playing track must identify the atom, molecule or ion that he or she landed on in order to gain the privilege of picking a game card and answering the question on that card.

[c3]

3. (Currently amended) A device of claim 1, A question and answer board game according to claim 2 wherein a player that has gained the privilege of picking a game card will win money by correctly answering the question on the card. wherein a plurality of sets of cards have questions and answers relating to the atoms in the periodic table, molecules, and ions.

[c4]

4. (Currently amended) A device of claim 1, A question and answer board game according to claim 1 wherein said randomly selected value to move each said players pieces is determined by the value of the roll of a dice by each player during that players sequential turn. wherein a plurality of game pieces are moved on game path according to a roll of dice.

[c5]

5. (Canceled) A question and answer board game according to claim 1 wherein said track is made up of thirty-three spaces containing atoms, molecules, ions and bonus spaces.

[c6]

6. (Canceled) A question and answer board game according to claim 1 wherein the questions are presented on one side of the question cards with the corresponding answer provided in a question and answer booklet.

[c7]

7. (Canceled) A question and answer board game according to claim 1 wherein the first player to reach a set dollar amount is the winner of the game.

[c8]

8. (Canceled) A question and answer board game according to claim 1 wherein said one directional playing track includes four bonus spaces that allows a player to win extra money and to advance to the next level if the requirements are met.

[c9]

9. (Canceled) A question and answer board game according to claim 1 wherein said cards are divided into two groups, fundamental and advance, based on the definition of the six levels of learning as defined in the Bloom's taxonomy.

[c10]

10. (Canceled) A question and answer board game according to claim 9 wherein said fundamental cards are based on learning factual data and conceptual data.

[c11]

11. (Canceled) A question and answer board game according to claim 9 wherein said advance cards are based on performing procedural tasks, analysis, synthesis and evaluation.

[c12]

12. (Currently amended) A device of claim 1, A question-and-answer-board-game containing a periodic table provided with a side bar and a bottom bar that helps explain the structure of each atom. wherein an inner area on the game board has a first table of rows and columns listing twenty atom names and their numbers, a side bar outside the first table showing a circle or a plurality of concentric circles representing number of "S" orbits corresponding to each row and a bottom bar outside the first table representing the number of electrons in the outermost orbit of each atom in the column.

[c13]

13. (Canceled) A question and answer board game according to claim 12 wherein said side bar shows concentric circles (or spheres) representing the number of S orbits that exist in atoms of a row on the periodic table.

[c14]

14. (Canceled) A question and answer board game according to claim 12 wherein said bottom bar shows the number of electrons that is in the outermost orbit for each column.

[c15]

15. (Canceled) A question and answer board game according to claim 12 wherein said periodic table with side bar and bottom bar teaches players how to identify atoms by the number of S orbits and the number of electrons that are in the outermost orbit.

[c16]

16. (Currently amended) A device of claim 1, A question-and-answer-board-game containing a periodic table showing the S orbit, P orbits and the number of electrons in each orbit for the first twenty atoms of the periodic table.

[c17]

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17. (Currently amended) A device of claim 1, A question-and-answer board game containing a table showing molecules and ions with their S orbits, P orbits and sharing of electrons.

[c18]

18. (Currently amended) A device of claim 1, A question-and-answer board game containing a buzzer experiment section that teaches electrochemistry. wherein the inner area on the board game has a pictorial representation of an electrochemical cell.

[c19]

19. (Currently amended) A device of claim 1, A question-and-answer board game containing an electronegativity table section that teaches electronegativity, the strength of an atom to take an electron away from another atom. wherein the inner area on the board game has a second table of rows and columns listing twenty atoms and their electronegativity number.

[c20]

20. (Currently amended) A device of claim 1, A question-and-answer board game containing a carbon-table section that teaches organic nomenclature. wherein the inner area on the board game has a table defining organic nomenclature.